

Title (en)

Method for producing an asymmetric biaryl derivative

Title (de)

Verfahren zur Herstellung von unsymmetrischen Biarylderivaten

Title (fr)

Procédé pour la préparation de dérivés biaryl asymétriques

Publication

EP 0571770 B1 19960710 (EN)

Application

EP 93106838 A 19930427

Priority

- JP 13625192 A 19920428
- JP 18190992 A 19920616

Abstract (en)

[origin: EP0571770A1] A method for producing an asymmetric biaryl derivative which comprises dehalogenocoupling halogenated benzene derivatives, wherein a bromobenzene derivative of the formula: <CHEM> wherein R is a lower alkyl group or a lower alkoxy group, which is attached at the 3- or 4-position, and a 2-chlorobenzene derivative of the formula: <CHEM> wherein R' is a cyano group or an alkoxycarbonyl group, are reacted in pyridine in the presence of triphenylphosphine, an anhydrous nickel compound and a reducing metal to obtain an asymmetric biaryl derivative of the formula: <CHEM> wherein R and R' are as defined above, and R is attached at the 3- or 4-position.

IPC 1-7

C07C 253/30; **C07C 67/343**

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2753195A1; CN104326938A; US5756804A; EP1044956A1; US6433214B1; CN111499566A; US6392080B1; WO9809941A1; WO9705104A1

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